NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

 \boxtimes

For (Title):

Attorney Docket No.: 117761

Date: November 26, 2003

MAIL STOP PATENT APPLICATION

NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)

17497 U.S. PTO 10/721418

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

By (Inventors):	Shuichi OKAWA, Takahiro SUWA
	wings (Figs. 1-5; 5 sheets) are attached.
	gure 1 for front page of Publication.
A Declarati	on and Power of Attorney is filed herewith.
A Declarati This application	ation claims benefit of Provisional Application No. filed .
(A Prelimin	ary Amendment is attached to reflect this claim in the Specification if not already present.)
This patent	application is assigned to TDK Corporation.
☐ The ex	ecuted Assignment is filed herewith.
An Informa	tion Disclosure Statement is filed herewith.
Entitlement	to small entity status is hereby asserted.
A Prelimina	ary Amendment is filed herewith.
Priority of f	oreign application No. 2002-344406 filed November 27, 2002 in Japan is claimed (35 U.S.C. §119).
A certi	fied copy of the above corresponding foreign application(s) is filed herewith.
This applica	ation is NOT to be published under 35 U.S.C. 122(b). The undersigned attorney or agent hereby certifies

under a multilateral international agreement, that requires publication of applications 18 months after filing.

the invention disclosed in this application has not and will not be the subject of an application filed in another country, or

MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING DEVICE

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

The filing fee is calculated below:

FOR:	NO. FILED	NO. EXTRA		
BASIC FEE				
TOTAL CLAIMS	18 - 20	= 0 *		
INDEP CLAIMS	2 - 3	= 0*		
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED				

^{*} If the difference is less than zero, enter "0".

SMALL ENTITY

SMALL ENTITY				
RATE	FEE	<u>OR</u>		
	\$ 385	<u>OR</u>		
x 9=	\$	<u>OR</u>		
x 43 =	\$	<u>OR</u>		
+ 145 =	\$	<u>OR</u>		
TOTAL	\$	<u>OR</u>		
iling fee is attached. Except as				

OTHER THAN A SMALL ENTITY

RATE	FEE
	\$ 770
x 18	\$
x 86	\$
+ 290	\$
TOTAL	\$ 770

Check No. 148644 in the amount of \$770.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff Registration No. 27

Joel S. Armstrong Registration No. 36,430